

ACC NR: AP6032915

SOURCE CODE: BU/0011/66/019/008/0711/0714

AUTHOR: Dragnev, T. N.

ORG: Physics Institute, Bulgarian Academy of Sciences (Fizicheskiy institut Bolgarskoy akademii nauk)

TITLE: Nuclear methods of boron determination in silicon

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 19, no. 8, 1966, 711-714

TOPIC TAGS: quantitative analysis, chemical purity, trace analysis, boron, silicon semiconductor, neutron ~~activation analysis~~ *flux, industrial nuclear application, crystalline silicon*

ABSTRACT: An increase in sensitivity of the neutron activation technique of boron determination in single or polycrystalline silicon was achieved by using special pre-amplifiers and spectroscopic pulse and threshold amplifiers or improved recording systems of α -particles. In the case of silicon single crystals, sensitivity of the method was increased from 10^{-5} to $10^{-6}\%$ in comparison with the earlier developed technique [V. I. Zvyagin, Ye. M. Lobanov, B. P. Zverev, V. M. Levchenko. Radiatsionnyye efekty v tverdykh telakh. Izd-vo AN Uzbekskoy SSR. Tashkent, 1963]. A neutron activation technique was developed for direct determination of boron in polycrystalline silicon without the error-causing preparation of single crystal and p-n junctions. The polycrystalline silicon samples were irradiated with a thermal neutron flux and the number n of α -particles which were emitted from the surface of the sample was counted by one of three different techniques. The number N_B of boron

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nuclei in silicon was calculated from $N_B = (n/0.92.I.S.\epsilon) \cdot 10^{25}$ at B/cm^3 , where S is the surface of Si sample, I is the neutron flux, and ϵ is the counting efficiency. Sensitivity was $10^{-6}\%$ when α -particles were recorded in a pulse ionization chamber or by a semiconducting detector, $10^{-8}\%$ or $10^{-9}\%$, when recording on a nuclear track plate outside or inside the reactor, respectively. The neutron flux was 10^9 or 10^{10} neutrons/cm²·sec, respectively. The paper was presented by Academician Khr. Khristovyy, 13 May 66. Orig. art. has: 2 figures and 4 formulas.

SUB CODE: 07/8/SUBM DATE: none/ OTH REF: 001/ SOV REF: 002/

DRAGNEV, V., inzh.

Mining systems with ~~story-under-story~~ galleries, a way of increasing labor productivity. Min delo 17 no.4:31 Ap '62.

1. Gl. inzhener na r. "Strashimir".

CZECHOSLOVAKIA

DRAGIEV, V., Research Institute for the Protection of Work and Occupational Diseases, Ministry for People's Health and Social Security [original version not given], Sofia, Bulgaria.

"Morbidity With a Temporary Work Incapacitation at State Tractor Stations and State Farms in Bulgaria"

Prague, Pracovní Lékařství, Vol XV, No 4, May 63, pp 161-164.

Abstract [Author's English summary, modified]: Morbidity is lower than in industrial plants, but the average duration is longer. Predominant causes: work accidents, lung TB, suppurative skin diseases, acute digestive disorders, peptic ulcers, and accidents not suffered at work. Morbidity is higher during the first quarter of the year due to colds.

1/1

ISTATKOV, St., kand. na tekhn. nauki inzh.; DRAGNEV, V., inzh.

Mining methods applied in the Strandzha Mine, and trends of their future development. Min delo 18 no.5:9-13 My '63.

1. Minno-geolozhki institut (for Istatkov).
2. Durzhavno minno predpriatie "Burgaski medni mini" (for Dragnev).

CHERKASOV, A.S.; DRAGNEVA, G.I.

Effect of the solvent density on the fluorescence spectra of certain organic compounds. Opt. i spektr. 10 no.4:466-472 Ap '61.

(Flourescence)(Spectrum analysis) (Solvents) (MIRA 14:3)

DRAGNEVA, R. (Ruse)

Practical work in the physics classes of grade 10 specializing
in electrical engineering. Mat 1 fiz Bulg 7 no. 1: 32-34.
Ja-F '64.

CZECHOSLOVAKIA / Physical Chemistry. Kinetics. Com- B
bustion. Explosions. Topochemistry.
Catalysis.

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 70079. •

Author : Dragny, M.

Inst : Not given.

Title : The Kinetics of Disintegration of Natural Gas
in an Electric Arc.

Orig Pub: Chem. promysl., 1956, 6, No 12, 490 - 496.

Abstract: No abstract.

Card 1/1

DRAGNY, M.; SHIMEK, S.

Symposium on technical and economic problems in nuclear engineering.
Atom. energ. 12 no.5:436-438 My '62. (MIRA 15:5)
(Nuclear engineering)

DRAGNYSH, G. L.

124-1957-10-11845

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 94 (USSR)

AUTHORS: Konstantinov, N. I., Dragnysh, G. L.

TITLE: To the Problem of the Measurement of Surface Friction Stress
(K voprosu ob ismereniya treniya na poverkhnosti)

PERIODICAL: Tr. Leningr. politekhn. in-ta, 1955, Nr 176, pp 191-200

ABSTRACT: This article is devoted to an investigation of air-flow methods for the measurement of the magnitude of surface friction stress. On the basis of Dean's theoretical solution for the slow motion of a viscous liquid past a plate projected into a stream normally to the surface exposed to the flow, the Authors have developed a new air-flow method for the measurement of the frictional stress. The measuring device, tentatively named the "Spoiler Angle" ("Ugolok") is based on the measurement of the pressure drop at points located upstream and downstream of an obstacle. A theoretical relationship is established between the pressure drop Δp and the local friction stress τ along the surface. The experiments were performed in a wind tunnel with a flow speed from 10 to 30 m/sec. A comparison between the proposed method of measuring the frictional stress and the existing method of measuring

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124-1957-10-11845

To the Problem of the Measurement of Surface (cont.)

it by means of a surface tube is presented. As a result of this comparison it was found that: 1) The "Spoiler Angle" has a constant calibration coefficient $k = \Delta p / \tau$ within the entire range of flow speeds investigated; 2) there is a growing dependence, not predicted theoretically, of k on the projection height d of the plate; 3) it is found by extrapolation and direct measurement that, for $d = 0$, $k = 2.6$ agrees well with the computed value of 2.90; 4) for the surface tubes the calibration coefficient k depends largely on the height d of the tubular intake opening; 5) for all values of d , the value of k is strongly dependent on the magnitude of the frictional stress τ ; 6) the magnitude of k is constant only for small values of τ and for d extrapolated to zero. The value of k so obtained is 2.2, whereas the theoretical value is 1.67. The distinct difference in the behavior of the calibration coefficients of the surface tube and the "Spoiler Angle" is explained by the A's. by the greater flow-perturbations introduced by the surface tube, since the greatest height of the "Spoiler Angle" is 0.04 mm, whereas the minimum height of the surface tube is 0.06 mm.

V. N. Kalashnik

Card 2/2

S/143/61/000/002/001/006
A207/A126

AUTHOR: Drago, G. N., Candidate of Technical Sciences

TITLE: On the optimum selection method for the major parameters of electromagnetic friction disk clutches

PERIODICAL: Energetika, no. 2, 1961, 53 - 61

TEXT: A method is described for determining the optimum electromagnetic parameters of clutches, to obtain the maximum coupling moment at the given major dimensions. A simple graphical means for finding the optimum calculated point is given, which corresponds to the maximum moment of the clutch, and, the main initial data, necessary for the optimum calculation of the clutch and the plotting of the necessary graphs, are submitted. The advantages of the electromagnetic disk clutches as compared to other types are listed as follows: 1) comparatively high intensification coefficient of energy, reaching 100 and more, 2) a very rapid action, 3) a low inherent moment of inertia of the rotating parts, determined mainly by the moment of inertia of the disks, 4) low weight and dimensions. Fig. 1 is a diagram of the clutch with three disks: magnet conductor of the clutch 2 is fixed in a metal body 5, on the upper surface of which there is a geared rim 3, serving

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On the optimum selection method for the...

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A207/A126

for the transmission of the rotation of the clutch from the gear 11, to the pipe of the drive axle. The current, through brushes (not shown on illustration) and current-removing rings 1, is fed to the coil 4. Two working disks 8 located on the drive axle 9, can move in the axial direction along the grooves of the axle. The intermediate disk 6 and anchor 7, joined through the stands with the clutch, also have the possibility of moving in the axial direction along these walls. In idle state, the clutch rotates freely relative to the drive axle on bearings 10, since between disks, magnet conductor and anchor, there is a small aperture determined by the free movement of the anchor along the stands. When the clutch is engaged, the anchor moves toward the magnet conductor and compresses the disks. Thus, as a result of the incited friction between disks, magnet conductor and anchor, the clutch starts to transfer the rotational moment to the drive axle through the working disks and grooved connections. The author then mathematically determines several parameters. There are 5 figures.

ASSOCIATION: Moskovskiy ordena Lenina aviatsionnyy institut imeni S. Ordzhonikidze, kafedra teoreticheskoy elektrotekhniki (The Moscow Order of Lenin Aeronautics Institute imeni S. Ordzhonikidze, Department of Theoretical Electrical Engineering).

Card 2/3

KOCHUBEY, Anton Danilovich; DRAGUCHINSKIY, M.O. [Drahochyns'kyi, M.O.],
glavnyy red.

[Prospects for the economic development of the Ukrainian S.S.R.]
Perspektyvy rozvytku narodnoho hospodarstva Ukraini'koi RSR.
Kyiv, 1959. 53 p. (Tovarystvo dlia poshyrennia politychnykh i
naukovykh znan' Ukraini'koi RSR. Ser.2, no.8) (MIRA 12:12)
(Ukraine--Economic policy)

DRAGOEV, P.

"The Karakuz State Forest has a water supply."

GORSKO STOPANSTVO, Sofia, Bulgaria, Vol. 15, no. 3, Mar. 1959.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept.} ~~Jun~~ 59
Unclas

DRAGOEV, Petur, inzh., ml. nauchen sutrudnik

Importance of the beneficial birds for forest economics, and measures
for their protection. Prir i znanie 15 no.8:12-14 Ag '62.

1. TsIG pri ASN.

DRAGOEV, Petur, inzh., nauchn s~~u~~trudnik

Game wealth of Bulgaria. Prir i znanie 16 no~~1~~9:5-7 N '63.

1. TsIG na Akademiata na selskostopanskite nauki.

DRAGOEV, Petur., inzh., nauchn sputrudnik

Artificial raising and distribution of pheasants in Bulgaria.
Prir i znanie 16 no.3:10-12 Mr'63.

1. ASN.

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Drugs, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37203

Author : Milstoc, M., Dragoi, E.

Inst : -

Title : Penicillin G Preparation in a Lactose free Fermentative
Medium.

Orig Pub : Rev. Chin., 1957, 8, No 5, 333-334

Abstract : A method of Penicillin G preparation (I), in which
glucose (II) replaces lactose, in the nutrient, is
described. Laboratory studies have proven the neces-
sity of stepwise introduction of II, when medium's
carbohydrate's concentration is 0.1%. As a result
of pilot plant trials, solutions of I with concentra-
tion \geq 2000 units/ml were obtained.

Card 1/1

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BELFERT, I., ing.; DRAGOI. Gh., ing.; STRASUN, Sonia

Reserves for increasing labor productivity. Constr Buc
16 no.776:2 21 N '64.

1. Institute of Building Research and Construction Economics
(for Belfert, Strasun).

DRAGOI, I.
DINULESCU, G.; STOENESCU, D.; RAUCHBACH, C.; MANOIU, I.; NEGRU, D.;
DONGIU, Ivanca; DRAGOI, I.; LOVIN, D.

Studies of the invasive elements in parasitoses in dogs. Stud.
cercet. inframicrobiol., Bucur. 6 no.3-4:587-593 July-Dec 1955.

(PARASITIC DISEASES

intestinal, indogs, etiol. & transm.)

(GASTROINTESTINAL DISEASES

parasitic, in dogs, etiol. & transm.)

ROMANIA / Analytical Chemistry. Analysis of Inorganic Substances.

E-2

Abstr Jour : Ref Zhur - Khim., No 15, 1958, No 49995

Author : Dragulescu, T.; Dragoi, I.

Inst : Timisoara Polytechnical Institute.

Title : New Method of Determination of Monovalent Thallium with Chloramino T.

Orig Pub : Bul. stiint. si tehn. Inst. politehn. Timisoara, 1956, 1, No. 2, 271-273

Abstract : Tl^+ is determined by oxidimetric titration in an acid medium with a solution of chloramino T in the presence of indigo-sulfonic acid as an indicator. 0.02-0.07 g. of the salt of Tl^+ is dissolved in 50 ml. of HCl, the solution is heated to 30-40° and titrated with 0.1 N solution of chloramino T until the blue color of the solution changes into pale yellow. The titer of the solution of chloramino T is found iodometrically. The error of the determination of Tl^+ is plus/minus 0.2%. -- B. Manole.

Card 1/1

RUMANIA / Analytical Chemistry. Analysis of Inorganic Substances.

E-2

Abstr Jour : Ref Zhur - Khim., No 15, 1958, No 49996

Author : Dragulescu, C.; Dragoi, I.

Inst : Not given

Title : Titrimetric Determination of Thallium Using Iodate

Orig Pub : Commun. stint. si tehn., 1956, 2, 59 - 62

Abstract : A method based on oxidimetric titration of Tl in a hydrochloric acid medium with a solution of KIO_3 in the presence of Methyl Orange as an indicator is described. To 50 ml. of the solution to be analyzed, which contains 0.02 - 0.05 g. of Tl^+ , 25 ml. of concentrated HCl is added, it is heated to 60-70° and titrated at that temperature with 0.1 N solution of KIO_3 (5.3505 g./liter) adding 1 drop of

Card 1/2

Dragoi I.
DINULESCU, Gh.; STOENESCU, D.; RIGMAN, T.; RAUCHBACH, G.; DRAGOI, I.; SOZANSCHI, M.;
NEGRU, D.; DONCIU, Iv.; GIUGLEA, M.

Studies of the incidence of several helminth infections in humans and
the relation of the latter to canine helminthiasis. Stud. cercet.
inframicrobiol., Bucur. 8 no.2:297-303 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei
R.P.R. in sedinta din 17 octombrie 1956.

(HELMINTH INFECTIONS, epidemiology

in rural Rumania, incidence & distribution, relation to
canine helminthiasis)

DRAGOI, I.; GOGU, O.

Using alluviums as the raw material for the manufacture of light
silicocalcareous products. Studii chim Timisoara 9 no.1/2:115-119
Ja-Je '62.

CIUCA, M., academician; POPOVICI, Marcelia; NESTORESCU, N.,
ANDREESCU, Viorica; GEORGESCU, Coliste; COARE, Luiza;
DRAGOI, Tatiana; FESSLER, Nina

Research on some genetic aspects of the biological evolution
of "lytic" and "lysogenic" enteric bacteriophages. Stud.
cercet. inframicrobiol. 14, no. 5: 545-550 '63.

1. Membru corespondent al Academiei R.P.R. (for Andreescu).
(COLIPHAGES) (SALMONELLA PHAGES) (GENETICS)

RUSU, V.; DRAGOI, Tatiana

Study of some strains of *M. lwoffii* and *B. anitratum* (B₁)
(*Acinetobacter*) noted in infectious pathology. Arch. roum. path.
exp. microbiol. 23 no.3:839-844 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service du
Diagnostic Bacteriologique, Bucarest.

STOICA, Gh., dr.; SUTEANU, St., dr.; CIOBANU, V., dr.; STROESCU, Ortansa, dr.;
DRAGOI, Tatiana, dr.; MICHIU, Valeria, asist.; SUSNEA, Doina, asist.

Changes in several blood proteins in rheumatoid polyarthrititis.
(Immunoelectrophoretic study). Med. intern. (Bucur.) 17 no.9:
1093-1101 S '65.

1. Lucrare efectuata in Institutul de medicina interna al
Academiei Republicii Socialiste Romania si Ministerul Sana-
tatii si Prevederilor Sociale (director: acsd. N. Gh. Lupu).

KRUSTINOV, G., Dots.; DRAGOICHEV, Ch. Kandidat na meditsinskite nauki.

Surgical treatment of congenital stenosis of pulmonary artery. Khirurgiia, Sofia 11 no.1:48-57 1958.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite - Sofia klinika po bolnichna khirurgiia. Direktor: prof. K. Stoianov.
(ARTERIES, PULMONARY, stenosis
congen., surg. (Bul))

DRAGOICHEV, Ch. (Kandidat na meditsinskite nauki)

Potts-Smith side-to-side anastomosis of the aorta and the pulmonary artery. Khirurgia, Sofia 11 no.2:174-175 1958.

1. (Iz Klinikata po bolnichna khirurgia pri ISUL)
(AORTA, surgery.
side-to-side anastomosis with pulm. artery (Bul))
(ARTERIES, PULMONARY, surgery,
side-to-side anastomosis with aorta (Bul))

KRUSTINOV, G.; DRAGOICHEV, Ch. Kandidat na meditsinskite nauki.

Surgical therapy of congenital cardiac defects. Khirurgia, Sofia
11 no.5-6:517-520 1958.

1. (Iz Khirurgichnata klinika pri ISUL)
(CARDIOVASCULAR DEFECTS, CONGENITAL, surgery,
(Bul))

KRUSTINOV, G.; DRAGOICHEV, Ch.; VELICHKOVA, D.

Our experience with the treatment of ductus arteriosus botalli persistens. Khirurgia, Sofia 12 no.7:550-557 '59.

1. Institut za spetsializatsija i usuvurshenstvuvane na lekarite -
Sofia. Klinika po bolnichna khirurgia. Direktor: prof. K. Stolanov.
(DUCTUS ARTERIOSUS surg.)

DRAGOICHEV, Ch.

Treatment of acute pyopneumothorax by active aspiration in children.
Khirurgiia, Sofia 14, no.2/3:177-178 '61.

1. Klinika po bolnichna khirurgiia pri Instituta za spetsializatsiia
i usuvurshenstvuvane na lekarite.

(PNEUMOTHORAX in inf & child)
(EMPYEMA in inf & child)

KRUSTINOV, G., prof.; DRAGOICHEV, Ch.; VELICHKOVA, D.

Our experience with the treatment of congenital heart defects.
Khirurgiya, Sofia 14 no.2/3:192-194 '61.

1. Katedra po bolnichna khirurgiya i Katedra po detski bolesti pri
Instituta za spetsializatsiia i usuvurshenie na lekarite.

(HEART DEFECTS CONGENITAL surg)

DIMITROV, D., dotsent; DRAGOICHEV, Ch., dotsent

Deep hypothermia in cardiac surgery. Khirurgia 15 no.9/10:
883-885 '62.

1. Iz Klinikata po surdechno-sudova khirurgia pri ISUL [Insti-
tut za spetsializatsia i usuvurshenstvuvane na lekarite.
(HEART SURGERY) (HYPOTHERMIA INDUCED)

STOIANOV, K., prof.; DIMITROV, D., dots.; DRAGOICHEV, Ch., dots.; GENOV, Iv.;
MARINOVA, L.; TODOROV, B.

Use of extracorporeal circulation in the USUL Cardiovascular
Surgery Clinic. Khirurgiia (Sofia) 16 no.9:785-792 '63.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite,
klinika po surdechno-sudova khirurgiia, Sofia. Direktor: prof.
K.Stoianov.

*

DRAGOICHEV, Ch.

Simultaneous commissurotomy of the mitral and tricuspid valve. Khirurgiia (Sofiia) 18 no.5:549-553 '65.

1. Katedra po bolnichna khirurgiia (rukovoditel - prof. L. Stoianov), Institut z spetsiializatsiia i usuvurshenstvuvane na lekarite (Sofiia).

DRAGOISKI, Petur, inzh.

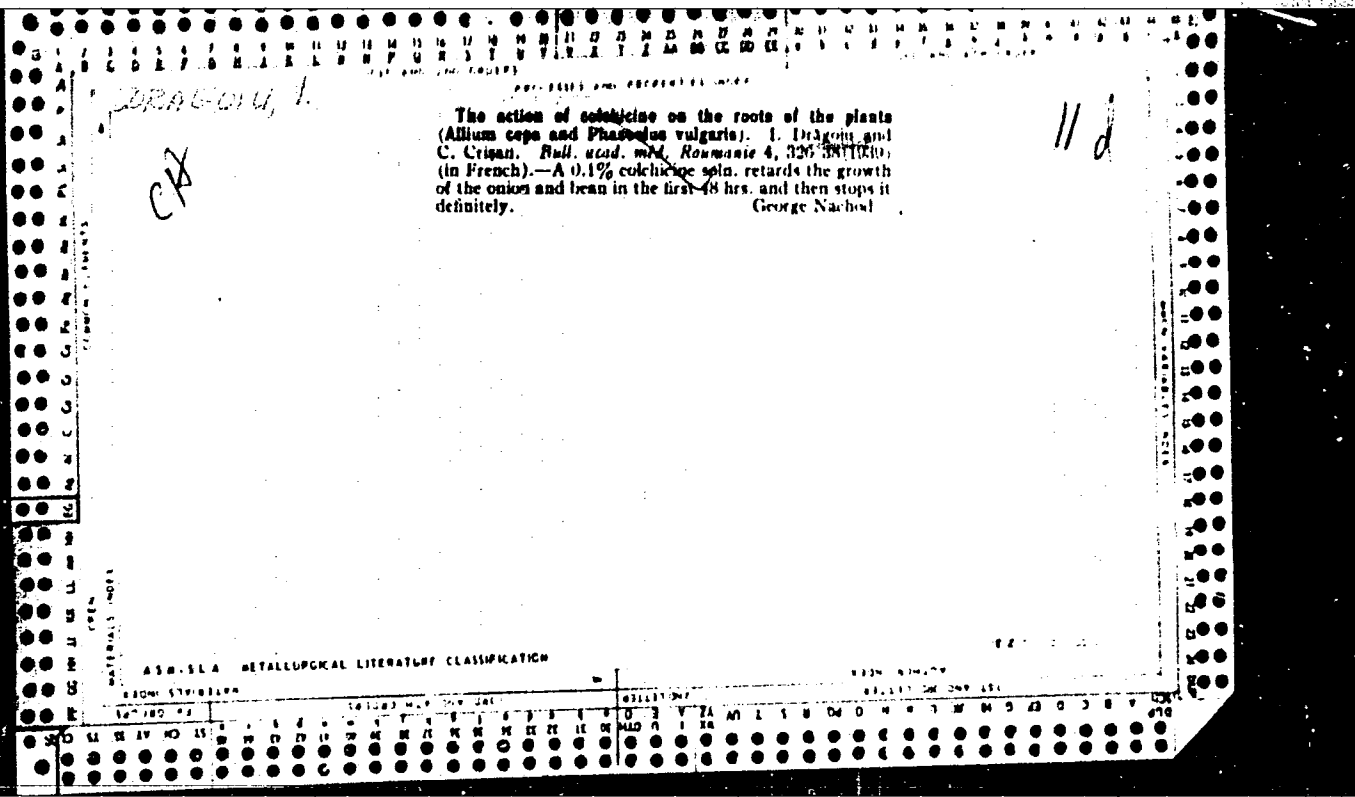
New products of the Pernik Electric Current Rectifier Plant.
Elektroenergiia 13 no.7:20-22 J1 '62.

DRAGOISKI, Petur, inzh.

Selenium current rectifiers with two-stage characteristics
for loading electric car batteries. Elektroenergiia 15 no.
2: 19-22 F '64.

UP III.
The influence of amino acids on the growth of plants. I.
H. G. G. and C. Crisan. *Bull. acad. mid. Roumanie* 3, 474-7
(1958) (in French).—Seeds of white beans (*Phaseolus vul-*
garis albus), variety *Isenburger* were germinated at room
temp. for 0, 12, 24, 48, 72 and 96 hrs., resp., in a mixt. of
tyrosine, glycine, cysteine, tryptophan, taurine and lysine
contg. 0.05 g. of each substance in 100 cc. spring water. In
the course of 8-10 days after the beginning of the expt. the
seedlings from the seeds which have been under the action of
the amino acids between 24 and 48 hrs. appear more ad-
vanced in every respect in their development than those from
the seeds germinated in spring water, and also those treated
less than 24 hrs. or more than 48 hrs. with the mixt. of
amino acids. This difference in the development of seed-
lings persists for some time (5-6 days) even if they are
planted in earth. It disappears by degrees with the ap-
pearance of the first leaves even if the earth is continually
wetted with a soln. of amino acids. *Cluj-Napoca*

ASH 51.1 METALLURGICAL LITERATURE CLASSIFICATION



DINULESCU, G.,; STORNESCU, D.,; MANOIU, I.,; RAUCHBACH, C.,; DRAGOIU,
I.,; DOMCIU, Iv.,; FRUCHTER, J.

Study of piperazine as an anthelmintic in ascariasis,
ankylostomiasis and trichuriasis in dogs. Stud. cercet. inframicrobiol
Bucur. 6 no. 1-2:285-298 Jan-June 55.

(HELMINTH INFECTIONS

in dogs, ther., piperazine)

(PIPERAZINES, ther. use

helminth infect. in dogs)

(DOGS, diseases

helminth infect., ther., piperazine)

(HOOKWORM INFECTION

in dogs, ther., piperazine)

BRUCKNER, Silvia, conf.; IOANESI, Iulia, dr.; RUSU, V., dr.; DRAGOIU,
Tatiana; POPESCU, Manuela

Acute meningitis produced by germs of the group Acinetobacter
(Moraxella). Med. intern. (Bucur.) 16 no.8:991-998 Ag '64.

1. Lucrare efectuata in Clinica de boli contagioase nr. 1,
Institutul medico-farmaceutic, Bucuresti si Institutul de
seruri si vaccinuri "Dr. I. Cantacuzino".

DRAGOJEVIC, B., JOVANOVIC, D., BUCIC, M.

"Cerebellar hemangioma." p. 474. (SRPSKI ARHIV ZA CELOKUPNO LEKARSTVO, Vol. 80, no. 5/6, May/June 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

DRAGOJEVIC, Bogoslav, dr.; ERCEGOVAC, Medeljko, dr.

Personal experiences in treatment of vasospastic, occlusive and inflammatory diseases of the blood vessels of extremities. Srpski arh. celok. lek. 82 no.6:735-757 June 54.

1. Hirurska klinika Vojno-medicinske akademije JNA u Beogradu, nacelnik prof. dr. Isidor Papo.

(VASCULAR DISEASES, PERIPHERAL, surg.)

DRAGOJEVIC, Bogosav, dr.; RISTIC, Jovan, dr.; ERCEGOVAC, Nedeljko, dr.

Surgical treatment of infantile cerebral paralysis, Srpski arh. celok. lek. 82 no.7-8:871-882 July-Aug 54.

1. Hirurska klinika Vojno-medicinske akademije JNA u Beogradu, nacelnik prof. dr. Isidor Papo. Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu, upravnik prof. dr. Vladimir Vujic.

(CEREBRAL PALSY, surg.)

DRAGOJEVIC, B.; JOVANOVIĆ, V.; LAZAREVIC, R.

A case of cardiac tamponade caused by pericardial hematoma.
Srpski arh.celoklek. 83 no.1:98-104 Jan '55.

1. Hirursko odeljenje Gradske bolnice u Zemumu. Upravnik: dr.
Nikola Kovacevic. II Interno odeljenje Gradske bolnice u Zemumu
Sef: dr.Vuko Jovanovic.

(HEMATOMA,

pericardium, causing cardiac tamponade (Ser))

(PERICARDIUM,Hemorrh.

hematoma causing cardiac tamponade(Ser))

(HEART

tamponade caused by pericardial hematoma(Ser))

DRAGOJEVIC, Bogosav; RISTIC, Jovan

A case of brain atrophy with epileptic and choreatic manifestations treated with stellectomy. Srpski arh. celok. lek. 83 no.3:387-390 March 55.

1. Hirurasko odeljenje Gradske bolnice u Zemunu, Sef: dr. Nikola Kovacevic. Neuropsihijatrijska klinika Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Uros Jekic.

(BRAIN, dis.

atrophy, with epileptic & choreatic manifest.,
surg., stellectomy, results (Ser))

(GANGLIA, AUTONOMIC, surg.

stellectomy in brain atrophy with epileptic &
choreatic manifest., results (Ser))

(ATROPHY,

brain, with epileptic & choreatic manifest., surg.,
stellectomy, results (Ser))

DRAGOJEVIC, B.; VASILJEVIC, M.

Giant primary echinococcal cyst of parietal peritoneum.
Srpski arh. celok. lek. 83 no.4:524-526 Apr 55.

1. Hirursko odeljenje Gradske bolnice u Zemunu, Sef: Nikola Kovacevic.
(ECHINOCOCCOSIS,
peritoneum, giant, primary. (Ser))
(PERITONEUM, dis.
echinococcosis, giant, primary (Ser))

STOJANOVIC, V.; DRAGOJEVIC, B.; GERZIC, Z.

Kongenitalne perikardijalne ciste. Acta chir. iugosl. 3 no.4:
365-371 1956.

1. II hirurska klinika Medicinskog fakulteta u Beogradu (upravnik
prof. dr. Vojislav Stojanovic).

(PERICARDIUM, cysta
congen. (Ser))

RASOVIC, Ljubomir; DRAGOJEVIC, Bogosav

Intraperitoneal hemorrhage of ovarian origin in non-pregnant women from the surgeon's point of view. Srpski arh. celok. lek. 84 no.10:1132-1137 Oct 56.

1. II Hirurska klinika Medicinskog fakulteta u Beogradu, Upravnik: prof. dr. Vojislav Stojanovic.
(OVARIES, hemorrh.
intraperitoneal, surg. (Ser))

STOJANOVIC, V.; DRAGOJEVIC, B.; TABAKOVIC-DJAJA, V.

Problem of terminal ileitis. Srpski arh. celok. lek. 84 no.
11:1307-1311 Nov 56.

1. II Hirurška klinika Medicinskog fakulteta u Beogradu.
Upravnik: Vojislav K. Stojanovic.
(ILEITIS, REGIONAL
(Ser))

DRAGOJEVIC, B.
STOJANOVIC, V.; DRAGOJEVIC, B.; BALJOZOVIC, A.

Clinical aspects and treatment of acute pancreatitis. Acta
chir. iugosl. 4 no.1:19-34 1957.

1. II. Hirurska klinika Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr. Vojislav Stojanovic).
(PANCREATITIS, case reports
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DRAGOJEVIC, Bogosav; RASOVIC, Ljubomir; DRAGICHEVIC, Branislav

Case of multiple echinococcus of the paradiaphragmatic organ. Srpski
arh. celok. lek. 87 no.2:210-214 Feb 59.

1. II Hirurška klinika Medicinskog fakulteta u Beogradu Upravnik:
prof. dr Vojislav K. Stojanovic.

(ECHINOCOCCOSIS, case reports,
peridiaphragmatic multiple (Ser))

(ABDOMEN, dis.
echinococcosis of peridiaphragmatic organs, multiple
(Ser))

DRAGOJEVIC, B.; NACEV, S.; TOFOVIC, P.

Contribution to diagnosis and therapy of thromboangiitis obliterans
(Buerger's). Med. arh., Sarajevo 12 no.2:5-16 Mr-Apr '59.

1. Universitetska hirurška klinika u Skopju, upravnik: prof. dr
Bogosav Dargojevic.
(THROMBOANGIITIS OBLITERANS)

DRAGOJEVIC, B.; GEORGIEV, K.; KOSTIC, N.

Neurofibroma sarcomatosum ventriculi. Acta chir.iugosl. 7(8) no.1:
66-69 '60.

1. Hirurska klinika Medicinskog fakulteta u Skopju (Direktor prof.
dr. B.Dragojevic)

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(FIBROSARCOMA case reports)

DRAGOJEVIC, Bogosav; PANOVSKI, Bojan; SERAFIMOV, Koco

Traumatic hemorrhagic cyst of the spleen. Srpski arh. celok. lek.
88 no.6:719-722 Je '60.

1. Hirurska klinika Medicinskog fakulteta Univerziteta u Skopju.
Direktor: prof. dr Bogosav Dragojevic.

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Tuberculomas of the brain. Acta chir. Iugosl. 8 no.3:177-182 '61.

1. Hirurska klinika (Upravnik prof. dr. B.Dragojevic) i Institut
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fakulteta Skopje.

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TOFOVIC, Petar; DRAGOJEVIC, Bogosav; ANASTASOV, Mitrus; BADIEV, Blagoja

Fracture of the base of the skull. God.Zborn.Med.Fak.Skopje
no.10:154-164 '63.

1. Hirurska klinika medicinskog fakulteta, Skopje (Upravitelj
Prof. Dr. B. Dragojevic).

DRAGOJEVIC, B.; ARSOV, D.; MILETIC, D.; GEORGIEV, K.; SERAFIMOV, K.;
DAVCEV, P.; LEVI, S.

Cancer of the stomach. 10-year clinical experience. Acta chir.
Iugosl. 10 no.2:125-133 '63.

1. Hirurska klinika (Upravnik prof. dr B. Dragojevic), Interna
klinika (Upravnik prof. dr D. Arsov), Patoloski institut
(Upravnik prof. dr D. Miletic), Rendgen institut (Upravnik
doc. dr D. Tavec) Medicinskog fakulteta u Skopju.
(STOMACH NEOPLASMS) (NEOPLASM STATISTICS)
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S

DRAGOJEVIC, B.; TOFOVIC, P.

Peripheral nerve diseases. God. zborn. med. fak. Skopje 11:
75-90 '64.

1. Hirurska klinika medicinskog fakulteta, Skopje (upravitelj:
prof. d-r. B. Dragojevic).

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Bronchial adenoma. God. zborn. med. fak. Skopje 11:273-279 '64.

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prof. d-r. B. Dragojevic).

STOJANOVIC, V., prof. dr.; VASILJEVIC, D., doc. dr.; BALJOZOVIC, A., dr.;
DRAGOJEVIC, D., dr.

First aid and further surgical treatment of perforated ulcer.
Med. glas. 19 no.2/3:43-46 F-Mr '65.

1. II hirurska klinika Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr. V.K. Stojanovic).

DRAGOJEVIC, Dragan

Specialization of production at the Termoelektro Works.
Masinogradnja 5 no.2:46-47 JI '62.

NEDELJKOVIC, S.; STOJANOVIC, V.; DRAGOJEVIC, D.; JOSIPOVIC, V.; ANOJCIC, S.

Trans-septal catheterization of the left heart--preliminary results.
Acta chir. Jugosl. 12 no.1:1-11 '65.

1. Interna klinika B (Upravnik prof. dr. R. Berovic) i II hirurska
klinika (Upravnik prof. dr. V.K. Stojanovic) Medicinskog fakulteta
u Beogradu.

L 32788-66

ACC NR: AP6023767

SOURCE CODE: YU/0015/65/000/02-/0043/0046

AUTHOR: Stojanovic, V. K. (Professor; Doctor; Head); Vasiljevic, D. (Docent; Doctor);
Balozovic, A. (Doctor); Dragojevic, D. (Doctor)

ORG: Second Surgical Clinic/headed by Professor Doctor V. K. Stojanovic/, Medical
Faculty, Belgrade (II hirurska klinika Medicinskoy faculteta)

TITLE: First aid and surgical treatment in perforated peptic ulcer

SOURCE: Medicinski glasnik, no. 2-3, 1965, 43-46

TOPIC TAGS: digestive system disease, surgery

ABSTRACT: Data on 388 men and 59 women with perforated peptic ulcers treated between 1947 and 1962; ages, occupations, seasonal and time-of-day patterns, prior symptoms of gastric difficulty, symptoms of perforation and tests to confirm presence thereof including muscular defense, leukocytosis; times between perforation and medical examination; surgical and other methods of treatment are reviewed and discussed. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 012

Card 1/1 mgs

DRAGOJEVIC, M.

Battery short-wave three-tube receiver. p. 324
(Radioamater, Vol. 10, no. 12, Dec. 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, No. 7,
July 1957, Uncl.

DRAGOJEVIC, M.

Radosavljevic, S.; Dragojevic, M.

"Analytical Determination of Nitrogen Dioxide In A Gas Mixture." p. 301 (GLASNIK,
Vol. 18, No. 5, 1953, Beograd.)

Radosavljevic, S.

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,
March 1954, Uncl.

~~MILOSAV D.~~ DRAGOJEVIC, M. D.

YUGOSLAVIA/Analysis of Organic Substances.

G-3

Abs Jour : Referat Zhur. - Khimiya, No 6, 1957, 19692

Author : Slobodan D. Radosavljevic, Mihail S. Jacovic, Milosav D. Dragojevic.

Inst. : Chemical Society (Yugoslav).

Title : Quantitative Photocolorimetric Determination of Pyrocatechin.

Orig Pub : Glasnik Hem. Drustva, 1955, 20, No 3, 203-205.

Abstract : A simple method of the photocolorimetric determination of pyrocatechin is described. It is based on its color reaction with FeCl_3 in a solution of NaOH . It is shown that the method is applicable to the determination of the pyrocatechin group in compounds produced by the condensation of methylchlorosilane with pyrocatechin.

Chem. Inst. Inst. Belgrade

Card 1/1

- 15 -

D.
DRAGOJEVIC, M.; RADOSAVLJEVIC, S.; JACOVIC, M.

Condensation of alkylchlorosilane with dihydroxybenzene. III. p. 47;
Hemisko drustvo Beograd. GLASNIK. Beograd; Vol. 21, no. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 5, No. 12, December 1956.

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YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application. Part 2. * Production of Catalysts
and Sorbents.

Abs Jour: Ref. Zhurnal Khimii. No 21. 1958. 71412

YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application. Part 2. - Production of Catalysts
and Sorbents.

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71413.

on Si grains, which furthers the reaction $\text{Si} + 4\text{CuCl} = \text{SiCl}_4 + 4\text{Cu}$ at a low enough temperature (265°) and the formation of a great number of new crystallization centers. The synthesis proceeds easily with an increased yield and in a shorter process duration. The method permits to vary the size of Si grains with reference to Cu grains in a wide range.

Card : 2/2

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D205/302

5.3700

AUTHORS: Radoslavljevič, S. and Dragojevič, M.

TITLE: New possibilities of preparing a catalyst for the direct synthesis of methyl chlorosilanes

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soyedeny; trudy konferentsii, no. 6, Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. kremneorg. soyed., Len., 1958. Leningrad. Izd-vo AN SSSR, 1961, 37-42

TEXT: The suitability of Cu chloride, formate, acetate and oxalate for preparing the catalyst was investigated. The experiments were performed in a horizontal tube 30 mm in diameter and 500 mm long, at 300 - 305°C and methyl chloride velocity of 7 - 10 g/hour. The amount of the catalyst was 200 g at a 10% Cu content in the form of a salt. The rest was ferrosilicon (96%) of grain size <0.3 mm. In the experiments with CuCl it was found that the faster SiCl₄ is

Card 1/2

New possibilities of ...

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D205/D302

formed in the mass the better are the results of the synthesis. To achieve this, the CuCl is precipitated on one-fourth of the total ferrosilicon which is very finely ground and the rest of the ferrosilicon, in its usual size, is then mixed in. If the reaction develops normally the yield remains constant for 60 hours, being 1 g of methyl chlorosilanes per 1.1 - 1.15 g of methyl chloride. Very good results are obtained by preliminary wetting of the catalyst with an anhydrous solution of CoCl_2 in alcohol, with subsequent evaporation of the solvent. The results with CuCl are not easily reproducible. Catalysts prepared by decomposing Cu formate at 400°C gave lesser yields than those obtained with CuCl but the results were reproducible. B. Badzanov participated in this work. There are 2 figures and 11 references: 4 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: Brit. Pat. 782333 (1957); P. Trambaze and B. Imelik, J. Chem. Phys., 51, 513, (1954); E. Rochow, US Pat. 2,447,873 (1948); B. Corsin and V. Ipatieff, J. Phys. Chem., 45, 433, (1941).

ASSOCIATION: Universitet, Belgrad (Belgrade University)

Card 2/2

RADOSAVLJEVIC, S.D.; DRAGOJEVIC, M.D.; CUKOVIC, O.Lj. (Miss)

Combined water-repellent agents based on silicones. Pt.1.
Glas Hem dr 27 no.7/8:447-455 '62

1. Faculty of Technology, Institute of Inorganic Chemistry,
Belgrade.

DRAGOJLOVIC, Dusan Dr.

The treatment of whooping cough with terramycin and other antibiotics. Lijec. vjes. 77 no.3-4:217-220 Mar-Apr '55.

1. Iz Dječjeg dispancera I na Rijeci.

(OXYTETRACYCLINE, ther. use

whooping cough, comparison with chloramphenicol, in child, results (Ser))

(CHLORAMPHENICOL, ther. use,

whooping cough in child., comparison with oxytetracycline results (Ser))

(WHOOPIING COUGH, ther.

chloramphenicol & oxytetracycline in child, comparison & results (Ser))

^{IL}
DRAGOLJOVIC, Dusan, Dr., (Rijeka)

~~DRAGOLJOVIC, Dusan, Dr., (Rijeka)~~
Danger of antibiotics in pediatrics. Med. glasn. 10 no.10:
406-409 Oct 56.

(PEDIATRIC DISEASES, ther.
antibiotics, inj. eff. (Ser))
(ANTIBIOTICS, ther. use
pediatric dis., inj. eff. (Ser))

YUGOSLAVIA / Chemical Technology. Chemical Products.
Corrosion. Corrosion Protection.

H

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67849

Author : ~~Dragojlovic~~-P., Strcaj V.

Inst : Not given.

Title : Investigation of Zinc Coatings.

Orig Pub: Brodogradnja, 1957, 8, No 5, 191-193, 194-195.

Abstract: An investigation of corrosion protection of a number of coating containing Zn powder bound by organic and inorganic substances was conducted. An American coating having a trade name "Serviron" used for drinking water cisterns proved to possess the best protective properties.

Card 1/1

YUGOSLAVIA/Chemical Technology. Chemical Products and Their Application. Corrosion Control

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 81983

Author : Dragojlovic P.

Inst : -

Title : Galvanic and Concentrational Corrosion

Orig Pub : Bradogradnja, 1957, 8, No 5, 193, 196-203

Abstract : Mechanism of corrosion of the underwater parts of ships and the methods of its prevention are reviewed. In applying vinyl base paints it is recommended to employ a two component undercoat of the following composition (in wt %): a) polyvinyl butyralic resin - 9.0, basic zinc chromate - 8.6, Mg silicate - 1.3, carbon black - 0.1, n - C₄H₉OH - 20.0, C₂H₅OH - 61.0; b) 85% H₃PO₄ - 18.0, C₂H₅OH - 65.9, H₂O - 16.1. As an anode in the cathodic protective Mg, Al, and Zn of high purity (Fe content $\leq 0.001\%$) may be used. Testing of the propeller shafts, made of different

Card : 1/2

DRAGOJLOVIC, P.

YUGOSLAVIA / Chemical Technology. Chemical Products and H
Their Application. Corrosion. Protection from
Corrosion.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64812

Author : Dragojlovic P

Inst : -

Title : Floors of Wood-Stone and the Corrosion of Steel
Structures

Orig Pub: Brodogradnja, 1957, 8, No 5, 203-204

Abstract: The feasibility of using floors of wood-stone in
sea vessels was investigated. For open decks, the
use of floors based on common Portland cement is
recommended.

Card 1/1

DRAGOJLOVIC, Pavle, inz.

Damage caused by sulfuric acid corrosion on a tanker. Brodegradnja
6 no.4:172-173 '55.

DRAGOJLOVIC, Pavle, inz.

Cathodic protection of the ship in the harbor or in motion, and method of its computation. Brodogradnja 6 no.4:174-176 '55.

DRAGOJLOVIC, Pavle, ins.

Report on the paints "Hempel." Brodogradnja 6 no.4:176-177 '55.

DRAGOJLOVIC, Pavle, ins.

Results of the works of an oceanographic institute. "Marine fouling and its prevention," edited by the Woods Hole Oceanographic Institution, and reviewed by Pavle Dragojlovic. Brodogradnja 7 no.5:208-212 '56.

DRAGOJLOVIC, Pavle, inz.; STRCAJ, inz.

Protection of ship tanks against corrosion. Brodogradnja
8 no.1:28-31 '57.

DRAGOJLOVIC, Pavle, inz.

Selection of a standard plan for ship painting. Brodogradnja
8 no.1:31-34 '57.

DRAGOJLOVIC, Pavle, inz. (Rijeka)

Some aspects of the development of modern electronics.
Elektrotehnicar 15 no.7/8:97-101 '61.

DRAGOLI, A.L. [Draholi, A.L.]

Biology of the polychaete *Melinna palmata* (Grube) in the Black
Sea. Nauk.zap.Od.biol.sta. no.2:43-48 '60. (MIRA 14:11)
(BLACK SEA--POLYCHAETA)

DRAGOLI, A.L.

Nutrition characteristics of the polychaete *Melinna palmata* Grube
in the Black Sea. Dokl.AN SSSR 138 no.4:970-973 Je '61.
(MIRA 14:5)

1. Predstavleno akademikom Ye.N.Pavlovskim.
(Black Sea—Polychaeta)

DRAGOLI, A.L. [Draholi, A.L.]

Biology of the Black Sea polychaete *Malinna Palmata* Grube.
Nauk. zap. Od.biol. sta. no.3:71-83'61. (MIRA 16:6)
(BLACK SEA—POLYCHAETA)

DRAGOLI, A.L.

Ecology of the Black Sea polychaete *Melinna palmata* Grube. Vop. ekol.
5:55-57 '62. (MIRA 16:6)

1. Biologicheskaya stantsiya AN UkrSSR.
(Black Sea--Polychaeta)

DRAGOLI, A.L.

Some data on the formation of biologically active substances in
plants. Uch.zap. VEIGB 5:322-328 '62 (MIRA 16:11)

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DRAGOJLOVIC, Pavle, inz.

Flame cleaning of steel surfaces. Brodogradnja 6 no.2:82-84 '55.

DRAGOJLOVIC, Pavle, inz.

Foreign literature and our problems. Brodogradnja 7 no.2:71-75 '56.

STRCAJ, Vladimir, inz.; DRAGOJLOVIC, Pavlo, inz.

Analysis of some paints for water tanks. Brodogradnja 7 no.5:212-214
'56.

DRAGOLOV, Stolan, uchitel (s. Elenovo); NIKOLOVA, Radka

A model for the manufactur: of sulfuric acid. Biol i khim 4
no.6:55-57 '62.

1. Institut za usuvurshenstvovane na uchitelite, St. Zagora.

IRVANCV, V.; DRAGOLOV, T.; TONEV, G.

Mechanical breaking down of coal in the fronts of open-pit mines, supported with metal props. p. 27. Minno Delo Vol. 13, No. 3, May/June 1958, Sofia, Bulgaria.

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 10, Oct. 58

DRAGOLYUBOV, Petr.; SATAROV, N.A. [translator]; PONOMAREV, A.P.,
red.; MURASHOVA, L.A., tekhn. red.

General TSviatko Radpinov. Translated from the Bulgarian.
Moskva, Voenizdat, 1963. 94 p. (MIRA 16:11)
(Radionov, TSviatko, d.1942)

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